



(19)

(11) Publication number: **2001244664 A**

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: **2000050176**

(51) Intl. Cl.: **H05K 7/20 H05K 5/06**

(22) Application date: **25.02.00**

(30) Priority:

(43) Date of application
publication: **07.09.01**

(84) Designated contracting
states:

(71) Applicant: **FUJIKURA LTD
NEC CORP**

(72) Inventor: **TAKAMIYA AKIHIRO
MOCHIZUKI MASATAKA
SAITO YUJI
INOUE HIROBUMI
SUENAGA TOSHIMI
SOMA SHIRO
GOTO HIRONOBU
NAKAMURA HITOYA
ITO MAKOTO**

(74) Representative:

(54) RADIATING STRUCTURE OF OUTDOOR INSTALLATION ELECTRONIC APPARATUS

(57) Abstract:

PROBLEM TO BE SOLVED: To improve heat dispersion efficiency of an electronic apparatus overhead installed outdoors.

SOLUTION: This radiating structure accommodates electronic components 6 generating heat by operation in a casing 1 which is overhead installed outdoors. A metal frame 7 for installing the electronic components 6 is arranged in the casing 1. A part of the external surface of the metal frame 1 is made a radiating surface 12. A first installation part for fixing the electronic components 6 is installed adjacent to or in contact with the rear side of the radiating surface 12. In the casing 1, an aperture 5 for exposing the radiating surface to the outside is formed. A heat sink 18 is bonded to the radiating surface 12 exposed from the aperture 5 in such a manner that thermal conduction is possible.

COPYRIGHT: (C)2001,JPO

